

551,917

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
21 October 2004 (21.10.2004)

PCT

(10) International Publication Number  
WO 2004/091271 A1

(51) International Patent Classification<sup>7</sup>: H05K 5/06

(21) International Application Number:  
PCT/SE2004/000530

(22) International Filing Date: 5 April 2004 (05.04.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0301007-1 7 April 2003 (07.04.2003) SE

(71) Applicant (for all designated States except US): TRUL-  
STECH INNOVATION AB [SE/SE]; Box 221, SALT-  
SJÖBADEN, 133 02 (SE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): NILSSON, Mats  
[SE/SE]; Box 221, SALT SJÖBADEN, 133 02 (SE).

(74) Agents: KARLSSON, Lelf et al.; Groth & Co. KB, Box  
6107, S-102 32 Stockholm (SE).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AB, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

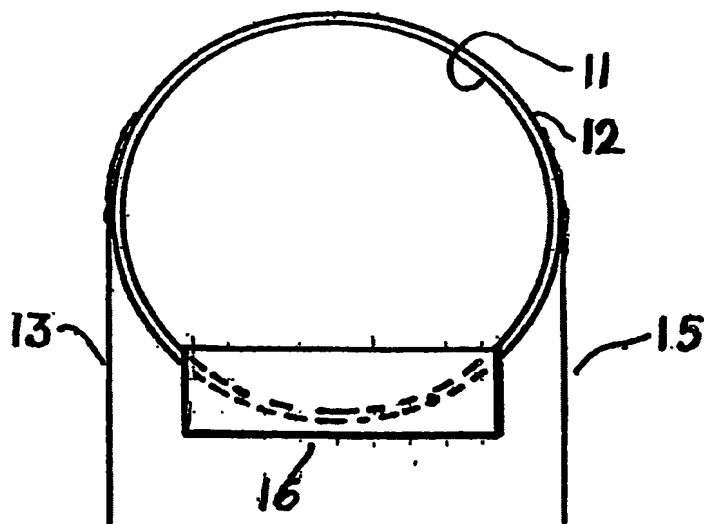
(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-  
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,  
GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,  
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,  
ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted  
a patent (Rule 4.17(ii)) for the following designations AE,  
AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ,  
CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE,  
EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,  
JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,  
MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM,  
PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ,

[Continued on next page]

(54) Title: A WEATHER PROOF DOME TO ENVELOP OUTDOOR OBJECTS, USE OF SUCH A DOME AND A METHOD  
FOR PROTECTING OUTDOOR OBJECTS



(57) Abstract: The invention refers to  
a self-supporting weather proof dome to  
envelop outdoor objects, the dome being of  
a material and structure that maintains the  
shape of the dome and clearance between  
the dome and the objects whereby the  
dome comprises an inner structure (11) that  
withstands external pressure forces and an  
outer structure (12) that through pulling  
forces on the outer structure holds the inner  
structure together, which outer (12) and  
inner (11) structures are not bonded to  
each other and at least the outer structure  
is attachable to a base mount. With an  
embodiment of the invention, the dome  
(11-12) consists of an inner structure made  
of form rigid cellular plastic (11), with an  
enveloped outer structure (12) consisting of  
an UV-resistant, plastic fabric wind-stopper.  
The invention also refers to the use of such  
a dome and a method for protecting outdoor  
objects.